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**Notice of Allowability**

Application No.

10/020,088

Examiner

Chih-Ching Chow

Applicant(s)

VENKATASUBRAMANIAN ET AL.

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2192

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 06/20/05.
2. ☒ The allowed claim(s) is/are 1-20.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
**TUAN DAM**  
**SUPERVISORY PATENT EXAMINER**

### **Examiner's Statement of Reasons for Allowance**

1. This action is responsive to Applicant's amendment after non-final filed on June 20, 2005.

#### **Response to Amendment**

2. Applicant's amendment dated 06/20/2005, responding to the 03/31/2005 Office action for Claims 1-11 for 35 U.S.C. § 101 rejection. The examiner has reviewed the amended claim 1. The amendment serves the purpose of better convey the teaching. The amended claim 1 is accepted by the Examiner.
3. Applicant's amendment dated 06/20/2005, newly added claims 12-19, further added limitations to claim 4; new claim 20 is the computer-readable medium form of Claim 1. All the newly added claims 12-20 are accepted by the Examiner.

#### ***Examiner's Statement of Reason(s) for Allowance***

4. Claims 1-20 are allowed.
5. The following is an examiner's statement of reasons for allowance:  
The prior art of record: CCsh, teaches verifying shell script and perform semantic errors that violate the semantics of the language in which the code is written. CCsh does not verify about semantic guidelines that indicate rules that are not imposed by

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the language of the code. Therefore, none of the CCsh features, taken alone or in combination, teaches the limitations of a method of verifying shell scripts comprising the computer-implemented steps of: a. storing semantic guidelines that indicate rules, distinct from any rules imposed by the programming language in which the shell scripts are written, about what the scripts should or should not contain, wherein the rule indicated in the semantic guidelines include one or more rules which, if not followed in the shell script, do not result in error s when the shell script is executed; b. prior to executing a shell script, performing one or more syntactic verification checks on said shell scripts; and c. performing one or more semantic verification checks on the said shell script, wherein the semantic verification checks verify conformance to the rules indicated in said semantic guidelines, in such a manner as recited in each of the independent claims 1, and 20.

6. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chih-Ching Chow whose telephone number is 571-272-3693. The examiner can normally be reached on 7:00am - 3:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tuan Q. Dam can be reached on 571-272-3695. The fax

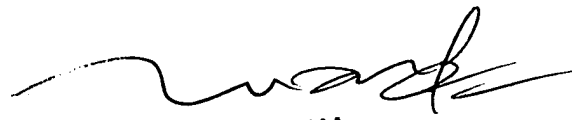
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phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Chih-Ching Chow  
Examiner  
Art Unit 2192  
August 30, 2005

CC



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SUPERVISORY PATENT EXAMINER